

Dr. Arindam Sarkar

Dr. Sarkar has done his graduation, post-graduation and Ph. D. from the University of Kalyani. His research interest is in Complex Analysis.

- Obtained Ph. D. in Mathematics from the University of Kalyani.
Name of the Thesis: Some Studies on the Value Distributions of Entire and Meromorphic Functions.
- Research interest: Complex Analysis (Broad Area), Nevanlinna Theory of Meromorphic Functions.
- Conference : presented papers in many national and international conferences, some of which includes international conferences held in the **Indian Mathematical Society; Department of Mathematics, Pondicherry University (Travel supported by UGC); Department of Mathematics, University of Pune; Department of Mathematics and Lviv Math Soc. Ivan Franko National University of Lviv, Ukraine (Travel supported by UGC).**
- Research Project_completed: [UGC funded] **“Some Studies on the Uniqueness of Meromorphic Functions Related to Sharing of Values or Sets”** [F. PSW-163/15-16(ERO), 1 Feb, 2017] as a sole investigator .
Project Grant: Rs. 230000/-.
- Publications
 1. **Arindam Sarkar,**
Power of a meromorphic functions sharing a set with least cardinality and weight with its derivative;
Journal of the Indian Math. Soc.Vol. 88, Nos. (3-4) (2021), 355-372. [Scopus]
 2. **Arindam Sarkar,**
Uniqueness of meromorphic functions sharing two sets with least possible cardinalities;
Anal. Univ. de Vest Timisoara Ser. Math. Informatics, LVII, 2, (2019), 112-130.
 3. **Arindam Sarkar,**
Equipolar Functions sharing a set; (Accepted on Dec. 9, 2019, to appear)
Stud. Univ. Babeş-Bolyai Math. [Scopus]
 4. **Arindam Sarkar,**
Derivatives of meromorphic functions sharing two sets with least cardinalities;
Adv. Pure Appl. Math. , 10(3), 251-262, (2019) [Scopus]
 5. **Arindam Sarkar,**
Some Further Studies on the uniqueness of meromorphic functions sharing three sets;
The J. Anal. (Springer) , 26, 119-134 (2018)

- 6. Arindam Sarkar** and Paulomi Chattopadhyay,
Meromorphic functions sharing two sets,
Annal. Univ. Oradea, Fasc. Math. , TOM XII, Issue 2, **2015** (43-50)
- 7. Arindam Sarkar** and Paulomi Chattopadhyay,
Uniqueness of meromorphic functions sharing three values,
Kragujevac J. Math. **38(1)** (**2014**) 105-123.[**Scopus**]
- 8. Arindam Sarkar**,
Some results on uniqueness of meromorphic functions sharing sets,
Matematychni Studii, **41(1)**(2014) 53-61. [**Scopus**]
- 9. Arindam Sarkar** and Paulomi Chattopadhyay,
Further result on unique range set of meromorphic functions with deficient poles,
Facta Universitatis (Nis), Ser. Math. Inform. Vol .**28(3)**(2013) 229-240.
- 10. Arindam Sarkar** and Paulomi Chattopadhyay,
Results on meromorphic functions sharing two sets with reduced cardinality and weight,
Acta Universitatis Apulensis, No.**32**(2012) 133-147.
- 11. Arindam Sarkar** and Paulomi Chattopadhyay,
On some uniqueness of meromorphic functions sharing three values,
KYUNGPOOK Math. J. **50**(2010) 357-370. [**Scopus**]
- 12. . I. Lahiri** and **A. Sarkar**,
Uniqueness of meromorphic functions sharing three values,
Ann. Polon .Math. **86.1**(2005) 15-21. [**Scopus**]
- 13. I. Lahiri** and **A. Sarkar** ,
On a uniqueness theorem of Tohge,
Arch .Math.(Basel) **84**(2005) 461-469. [**Scopus**]

14. I. Lahiri and A. Sarkar,
Uniqueness of a meromorphic function and its derivative,
J. Inequal. Pure and Appl. Math. **5(1)Art20** (2004).

15. I. Lahiri and A. Sarkar,
Borel exceptional values of meromorphic functions,
Vietnam J. Math. **32.2(2004)** 171-184. [**Scopus**]

16. I. Lahiri and A. Sarkar,
Non-linear differential polynomials sharing 1-points with weight two,
Chinese J. Contmp. Math. **25(2004)** 325-334. [**Scopus**]

- Membership of Professional Bodies: Life member of the Indian Mathematical Society.

A. Professional Activities and Responsibilities

1. Worked as an Assistant Professor of Mathematics, Sikkim Manipal Institute of Technology, Sikkim Manipal University (2006-2010). Teaching Assignments includes teaching mathematics in B. Tech. courses, M. Sc.(Mathematics), Project guidance in M.Sc. Administrative responsibilities included Membership in the Anti Ragging Committee, Local guardianship of assigned students.
2. Worked as an Assistant Professor of Mathematics, Kandi Raj College (2010-2019) . Academic responsibility included teaching of Mathematics in B.Sc.(Honours) and B.Sc. (General) courses. Administrative responsibilities included membership in Cultural Commiittee, Sports Committee.
3. Working as an Assistant Professor in Mathematics in the Krishnagar Women's College till date. Academic responsibilities includes teaching Mathematics in B.Sc. Honours and General courses. Administrative responsibilities includes Membership in the IQAC Committee, Jt. Convener of Admission Committee, Jt. Convener of Exam Committee.
4. UGBOS member (2017-2019) , Department of Mathematics, University of Kalyani .

B. Beyond Mathematics

I like reading books , listening to music, singing and practice singing under the tutelage of a Guru.

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